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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 8

| | | | |
|--|---|------------------------|----------------------|
| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/600,721 |
| | | Filing Date | 6/20/2003 |
| | | First Named Inventor | Bickford, Randall L. |
| | | Group Art Unit | 2121 |
| | | Examiner Name | Not yet Assigned |
| Sheet | 1 | of | 8 |
| | | Attorney Docket Number | |
| | | 23406-cip | |

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| Examiner Initials | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Examiner Signature | Ramona Fates | Date Considered | 1/30/05 |
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Sheet 2 of 8

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| | | | | Group Art Unit | 2121 |
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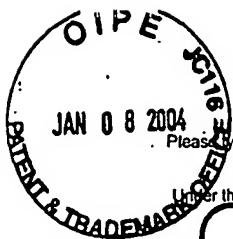
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| Examiner Signature | Ramc A Patel | Date Considered | 1/30/05 |
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| | | | | Filing Date | 6/20/2003 |
| | | | | First Named Inventor | Bickford, Randall L. |
| | | | | Group Art Unit | 2121 |
| | | | | Examiner Name | Not yet Assigned |
| Sheet | 3 | of | 8 | Attorney Docket Number | 23406-cip |

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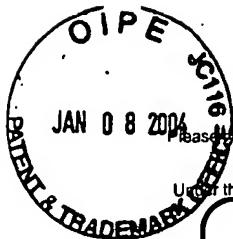
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| Examiner Signature | Romney Batal | Date Considered | 1/30/05 |
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Sheet 4 of 8

Complet if Known

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|------------------------|----------------------|
| Application Number | 10/600,721 |
| Filing Date | 6/20/2003 |
| First Named Inventor | Bickford, Randall L. |
| Group Art Unit | 2121 |
| Examiner Name | Not yet Assigned |
| Attorney Docket Number | 23406-cip |

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| | | | |
|-----------------------|--------------|--------------------|---------|
| Examiner Signature | Ramsey fatal | Date Considered | 1/30/05 |
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 5 of 8

Completion If Known

| | |
|------------------------|----------------------|
| Application Number | 10/600,721 |
| Filing Date | 6/20/2003 |
| First Named Inventor | Bickford, Randall L. |
| Group Art Unit | 2121 |
| Examiner Name | Not yet Assigned |
| Attorney Docket Number | 23406-cip |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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Examiner Signature

Ramsey Patil

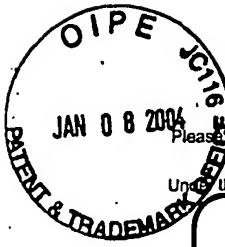
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| Filing Date | 6/20/2003 | | |
| First Named Inventor | Bickford, Randall L. | | |
| Group Art Unit | 2121 | | |
| Examiner Name | Not yet Assigned | | |
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| Examiner Signature | <i>Ramsey Patel</i> | Date Considered | 1/30/05 |
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Examiner Signature

Randall Patel

Date Considered

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Sheet 8 of 8

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|------------------------|----------------------|
| Application Number | 10/600,721 |
| Filing Date | 6/20/2003 |
| First Named Inventor | Bickford, Randall L. |
| Group Art Unit | 2121 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | 23406-cip |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| R.L. | 95 | WEGERICHS, S., et al, Challenges Facing Equipment Condition Monitoring Systems, MARCOM 2001, May 2001, Printed in USA by SmartSignal Corporation | |
| | 96 | BICKFORD, R.L., et al, Online Signal Validation for Assured Data Integrity, 47th International Instrumentation Symposium, May 2001, Printed in USA by Expert Microsystems, Inc., and NASA Glenn Research Center | |
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Examiner Signature

Randall L. Bickford

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1/30/05

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